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- (71) Applicant (for all designated States except US): **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BARBAS, Carlos, F.** [—/US]; 624 Granados Avenue, Solano Beach, CA 92075 (US). **CHUNG, Jenho** [KR/KR]; 116-109 Woobang Apartment, Yonghung Dong, Bukgu, Pohang, Kyungbuk, South Korea 791-171 (KR).
- (74) Agent: **BELL & ASSOCIATES**; 416 Funston Avenue, Suite 100, San Francisco, CA 94118 (US).

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(54) Title: INTEGRIN $\alpha_{IIb}\beta_3$ SPECIFIC ANTIBODIES AND PEPTIDES

V _H	FR1	CDR1	FR2	CDR2	FR3	CDR3	FR4									
	1	30	31	35	36	49	50	65	66		97	98		113	114	118
RAD87	EVQLLESGGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD9	EVQLLESGGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD12	EVQLLESGGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD34	EVQLLESGGGGLVQPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD3	EVQLLESGGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD32	EVQLLESGGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD86	EVQLLESGGGGLVHPGGSLRLSCAGSGFTFS	SYAMH	WVRQAPGKGLEWVS	AIGTGGG	TYVADSVKG	RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								
RAD1	EVQLLESGGGGLVQPGGSLRLSCAASGFTFS	FYCMS	WVRQAPGKGLEWVS	GVSSSGITTYAASVRG		RFTISRDNKNSLYLQMNSLRAEDTAVYYCAR	VRVVCRAADRRRCYAMDV	WGQGT								

(57) Abstract: The present invention provides integrin $\alpha_{IIb}\beta_3$ specific antibodies and peptides. The antibodies and peptides demonstrate little or no immunoreactivity with other integrins. Methods for inhibiting platelet aggregation using the antibodies and peptides are also provided.

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